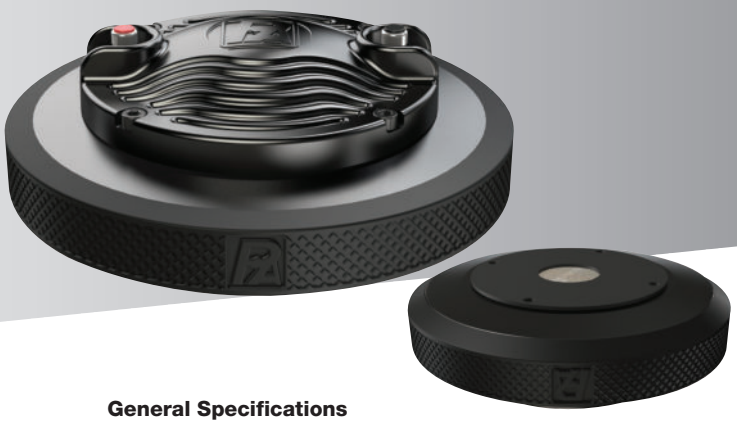
FD SERIES

FD-75/2

Ferrite Magnet Compression Driver



Features

- 3” (76.2mm) Voice coil (Flat aluminium wire)
- Titanium diaphragm (Heat treatment)
- 2” Throat diameter
- 200 watt program power capacities
- 110 dB sensitivity
- Frequency range 800-18000 Hz
- Ferrite Magnetic structure

The P.Audio FD-75/2 is a large format compression driver that utilizes a precision formed diaphragm assembly. The titanium diaphragm is precision formed to insure excellent consistency and performance. The newly developed magnetic circuit has been extensively modeled in order to reduce weight while maintaining very high magnetic gap energy. The diaphragm assembly is close spaced to a precision phase plug to insure excellent acoustic loading. The FD-75/2 has an operating range of 800Hz to 18kHz and is ideally suited for two way and three way high frequency applications in professional sound reinforcement systems.

The FD-75/2 is a ferrite based magnetic system with an industry standard 2 inch (50.8mm) exit diameter. The mounting configuration is a standard “bolt on” style. P.Audio offers a wide variety high frequency horns that will provide excellent pattern control and acoustic loading for the FD-75/2.

The diaphragm assembly is a 3 inch (76.2mm) diameter commercially pure titanium design and utilizes P.Audio’s very high temperature adhesive systems and precision manufacturing to insure high power handling and reliability. The construction yields a full 200 watts of power handling capacity. The larger diaphragm diameter (3 inch) provides superior mid band response and is an excellent choice for high power professional sound reinforcement systems.

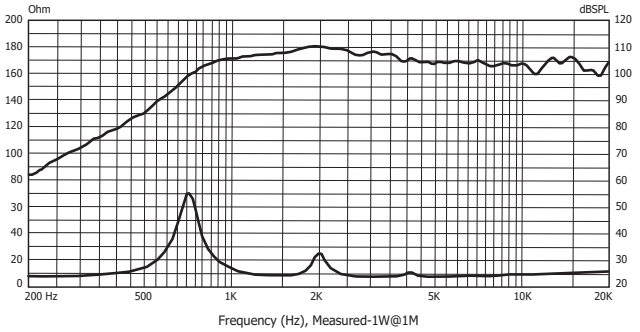
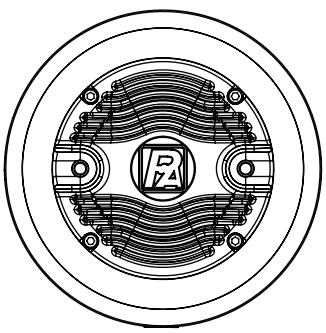
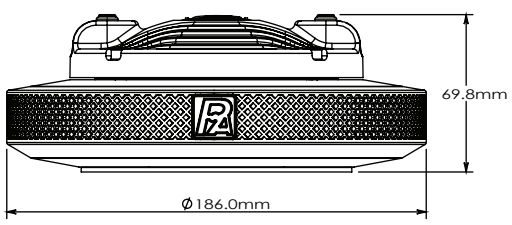
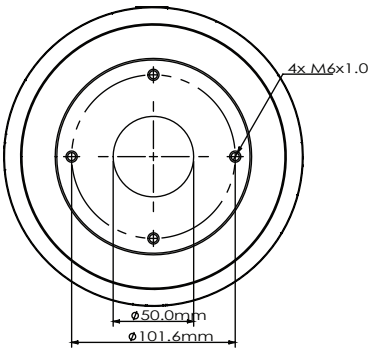
General Specifications

Throat Diameter	50.8 mm (2 in)
Nominal Impedance	8 Ω
Nominal Power Handling	100 W(AES)
Continuous Program Power Capacity	200 W
Sensitivity	110 dB
Frequency Range	800-18000 Hz
Voice Coil Diameter	76.2 mm (3 in)
Winding Material	AL-R (Flat aluminium wire)
Recommended Crossover	1.2KHz
Diaphragm Material	Titanium
Flux Density	1.9 T
Magnet Material	Ferrite
Mounting Type	Bolt on

Mounting and Shipping Info

Overall Diameter	186 mm (7.3 in)
Mounting hole diameter	4xM6 PCD 101.6mm
Depth	69.8 mm (2.7 in)
Net Weight	5.1 kg/ 11.2 lb
Shipping Units	1 pcs
Shipping Weight	6.2 kg / 13.7 lb
Shipping Box	195 x 195 x 90 mm

Service Kit

Replacement Coil	Model number

Frequency response and Impedance curve